

## ABSTRACT

**[0112]** The invention relates to a burner comprising two half shells, one of which is perforated, that are tightly joined together along at least a portion of their edges, so as to form a tubular body communicating with a venturi tube. At least two corresponding ends of the two half shells have a truncated profile, providing the tubular body has at least one truncated end. The invention also relates to a venturi tube for said burner that is composed of two half shells. The invention further relates to a mounting for a thermocouple and for an igniter of said burner, the mounting having coupling means that cause mutual contact surfaces to be oriented in at least three non-parallel planes and that prevent mounting rotation, so that the position thereof is accurately defined. The invention also relates to a process for fabricating said burner.